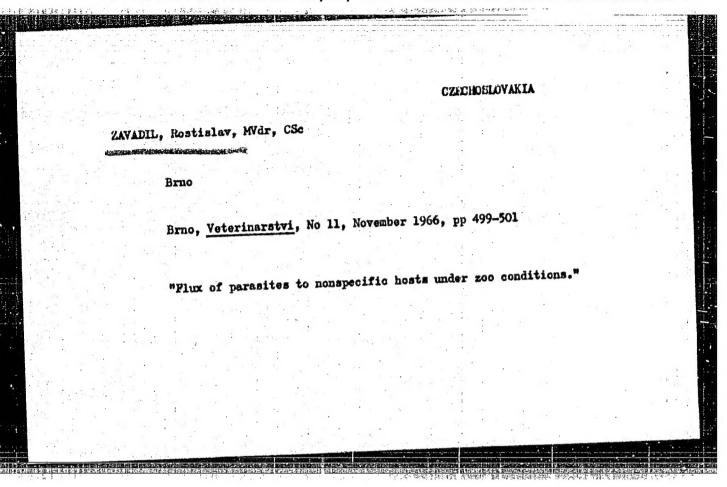
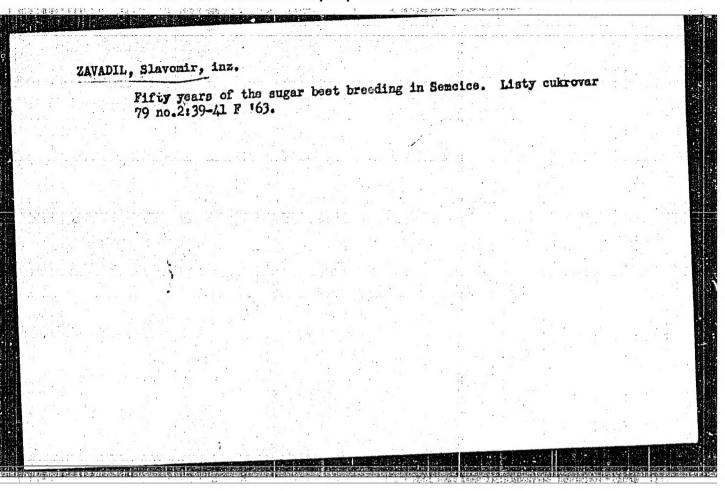
# "APPROVED FOR RELEASE: 03/15/2001

# CIA-RDP86-00513R001963920015-5





ZAVADIL, Slavomir, inz.; MECHANICKY, Igor, inz.

Effect of the different nutrient doses on the relative sugar beet transpiration. Rost vyroba 9 no.10:995-1002 0 '63.

1. Vyzkumny ustav reparsky, Semcice.

ZAVADIL, Slavomir, inz.								
The 50th anniversary of the foundation of the Sugar Beet Research Institute. Vestnik tyzk zemedel 9 no.10:478-487 62.								14
	1. Reditel	, Vyzkumny us	tav reparsk	y, Semcice	•			
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Y of Van								

KAS, Vaclav, dopisulici chlen; KOSIL, Vladimir, dopisujici chlen; KALANDRA, Augustin, akademik; PARIZEK, Miroslav, dr.; TOMSIK, Boleslav, prof.; PATCCKA, Jan, dr., kandidat biologichych ved; CHURY, Jiri, doc. dr.; PAV, Jaromir, dr.; JANDA, Jiri, dr.; KANAK, Karel, inz.; ZAVADIL, Zdenek, inz.

Discussion of the report of the scientific secretary of the Czechoslovak Academy of Agricultural Sciences. Vestnik CSAZV ? no.1/2:100-118 '60. (EEAI 9:7)

1. Vysoka skola zemedelska a lesnicka, Brno (for Kas, Parizek, Tomsik, Chury). 2. Vysoka skola zemedelska, Praha (for Kosil).
3. Predseda VI. odboru Ceskoslovenske akademie zemedelskych ved (for Kalandra). 4. Vyskumny ustav lesneho hospodarstva, Banska Stiavnica (for Patocka). 5. Vyzkumny ustav lesniho hospodarstvi a myslivosti Ceskoslovenske akademie zemedelskych ved, Zbraslav (for Pav, Janda, Kanak, Zavadil).

(Czechoslovakia--Agriculture)

ZAVADIL. Z.

Cork trees in Czechoslovakia. p. 1. (SBORNIK RADA IESNICTVI. Praha) (Vo. 30, no. 1, Jan. 1957

SO: Monthly List of East European Accession (EEAL) IC, Vol. 6, No. 7, July 1957. Uncl.

# ZAVADIL, V.

Problem of sorting in data-processing machines. p. 342.

AUTOMATIZACE. Praha, Czecheslevakia. Vol. 2, ne. 11, Nov. 1959.

Monthly list of East European Accessions (EEAI) LC, Vol. 9, no. 1, January 1960. Uncl.

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TATAK, Vaclav; ZAVADIL, Vladimir, dr. inz.

Use of automatic computers in the operational planning of piece production. Podn org 18 no.2x64-67 F'64

1. Vitkovicke zelezarny Klementa Gottwalda, Ostrava.

ZAVADIL, Z. Generative crossbreeding of walnuts. p. 571.

Vol. 29, No. 7/8, Aug. 1956.
SHORNIK. RADA LESNICTVI
ACRICULTURE
Praha, Czechoslovakia

So: East European Accession, Vol. 6, No. 2, Feb. 1957

# IANGEROVA, M.: ZAVADILOVA, Z.: SOUKUPOVA, T.

Results of bacteriological studies on postmortem material from pulmonary tuberculosis. & a suggestion for hygienic measures for protection of autopsy room personnel. Ccs. lek. cesk. 98 no.24:746-748 12 June 59.

1. Vyzkumny ustav tuberkulozy v Praze, reditel doc. dr. R. Krivinka M. L. Praha 12, Srobarova 48.

(TUBERCULOSIS, PULMONARY, pathol.

hacterial. of postmortem material, hyg. measures for protection of autopsy room personnel (Cz))

(AUTOPS Y

hyg. measures for protection of autopsy room personnel from postmortem tuberc. material (Cz))

CZECHOSLOVAKIA/Microbiology - Microbes Pathogenic for Man and Animals. Dacteria. Mycobacteria. Abs Jour : Ref Zhur Biol., No 22, 1958, 99519 : Langerova, M., Meislova, M., Zavadilova, Z., Soukupova, Author THE PROPERTY OF THE PARTY OF TH Inst : Immunizing Action of BCG and of the M-Vaccine Upon the Title . Course of Experimental Tuberculosis in White Mice. : Rozhl. tuberk. a nemocech plicnich, 1957, 17, No 4, 318-Orig Pub NCG vaccine or M-vaccine was injected into the caudal Abstract vein in mice; the mice were infected within 4 weeks with a culture of the strain D217 adapted for nice. All the experimental animals were killed within 4 weeks and the average weight of their organs was determined. The average weight of the lungs of the infected mice was 1 G; that of the immunized and then infected ones Card 1/2

CZECHSOLOVAKIA/Microbiology - Microbes Pathogenic for Man and Animals. Bacteria. Mycobacteria.

F

Abs Jour

Ref Zhur Biol., No 22, 1958, 99519

was 0.5 g. The results of the experiment demonstrated the protective action of the vaccination upon the condition of the lungs of mice subjected to infection, since the weight of that organ in the vaccinated and then infected mice proved to be significantly smaller than in mice infected but not submitted to vaccination. The determination of the weight of the spleen in the experimental animals confirmed this deduction. It is the opinion of the authors that the protective action of both vaccines is identical. — L.M. Model:

Card 2/2

. 106 \_

SULA, L. : ZAVADILOVA, Z. ; MEDULANOVA, L. ; POKORNY, J.

New vaccine against tuberculosis. II. Characteristics of Mycobacterium muris Wells OV 166 and preparation of vaccine. Med. dosw. mikrob. 5 no.1:23-37 1953. (CIML 24:5)

1. Of the State Institute of Hygiene, Prague, Czechoslovakia, Third Division of Microbiology and Epidemiology, Department of Tuberculosis Research and Diagnosis.

The statement of the st

SUIA, L.; ZAVADILOVA, Z.; MEDULANOVA, L.; POKORNY, J.

New vaccine against tuberculosis. 2 communication. Characteristics of the stain, Mycobacterium tuberculosis, murine type - Wells OV 116, and preparation of the vaccine. Gas.lek.cesk. 91 no.6:161-171 8 Feb 52.

1. Statni zdravotnicky ustav v. Praze. III. odhor pro mikrobiologii a epidemiologii. Oddeleni pro vyzkum a dianostiku tuherkulosy.

(MYCOBACTERIUM TURERCULOSIS,

murine type, characteristics & prep.)

ZAVADI NSKAYA, K. YE.

34231. Zavadinskaya, K. Ye. Voprosy ob issledovanii volos, 34231 Kriminalistika i Nauch-Sudeb. Ekspertiza. S.B. Z. Kiyev , 1949, C. 115-18

SO: Knizhnaya Letopis' NO. 6, 1955

ZAVADINSKAYA, K. YE.

34232. O Poluchenii Syvorotki Ant-O. Kriminalistika i Nauch.-Sudeb. Ekspertiza. SB. Z. Kiyev, 1949, C. 119-23

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ZAVADINSKAYA, K. YE.

34230. Zavadinskaya, K. Ye. Bobavochnyye agglyutininy v sukhoy Krovi.

Kriminalistika i Nauch - Sudeb. Ekspertiza. SB. Z. Kiyev, 1949, C. 125-33.

S0; Enizhnaya Letopis' NO. 6, 1955

ZAVADINSKAYA. K. YE.

31233. Zavadinskaya, D. Ye. Faktor Vremen. V Ne otorykh reaktsiyakh immuniteta.

Kriminalistika i Mauch.-Sudeb. Ekspertiza. SB. Z. kiyev, 1949, C. 149-50

Knizhnaya Letopis' No. 6, 1955

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#### CIA-RDP86-00513R001963920015-5

ZAVADIVKER, B. N.

Cand. Tech. Sci.

Dissertation:

"Three-Dimensional Reinforced-Concrete Frames Possessing Cyclic Symmetry and Their Application in the Frame Foundations of Cooling Towers."

17 Oct. 49

Moscow Order of Labor Red Banner Engineering Construction Inst.

imeni V. V. Kuybyshev

SO Vecheryaya Mcskys Sum 71

MOROZOV, H.V., laureat Stelinekoy premii, kandidat tekhnicheskikh mauk;
ZAVADIVKER, B.S., kandidat tekhnicheskikh mauk.

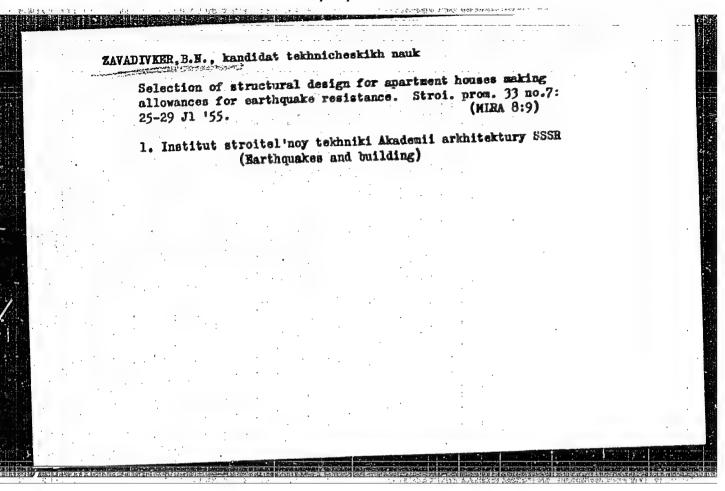
Joints of precast reinforced concrete posts using a minimal amount of steel. Stroi.prom.31 no.12:20-22 D '53.

(Reinforced concrete construction)

ZAVADIVERA. B. H.

"On the Calculation of Spatial Single Layer Frames Having Cyclical Symmetry," Issled. po Teoril Socruzheniy, No 6, 1957, pp 167-196

Discusses the calculation of the strength of a frame which consists of a series of identical columns equally spaced around a circle, fastened below and connected above by a broken cross bar. Consideration is given to the action of an elementary vertical, radial and tangential load in one of the nodes. Two methods are used: (1) expansion of the load into a finite trigonometric series, and (2) application of finite difference equations. (RZhMekh, No 5, 1955) SC: Sum.No. 713, 9 Nov 55



RAPPOPORT, T. B. Kand. Arkhitektury i GORNOV, V. N. Chl - Korr. Akademii Arkhitektury SSSR, ZAVADIVKER, **3.** N. Kand. Tekhn. Nauk, KALMANOK, A. S. Kand. Tekhn. Nauk Nauchno-issledovatel skiy institut stroitel noy tekhniki Akademii Arkhitektury SSSR Ratsional nyye Konstruktsii Zhilykh Zdaniy V seysmicheskikh Rayonakh Page 68

SO: Collections of Annotations of Scientific Rasearch Work on Construction. Completed in 1950. Moscow, 1951

ZAVADIVKER, B. H.

Zavadivker B. N

97-10-2/14

AUTHORS:

Burgman, V.V., Dr. of Mech. Sciences; Zavadivker, E. N., Candidate of Mech. Sciences. Reyshtadt, L. I., Engr.

TITE:

A New Sectional Monolithic Reinforced Concrete Con-Struction of Kultistoried Industrial Buildings.

(Novyye sborno-k molitnyye zhelezobetonnyye konstruk-

tsil maggestazhaykh promyshlennykh zdaniy).

PERIODICAL:

Betor i Zhelozobeton, 1957, Nr.10, pp. 381-359 (USSR).

ABSTRACT:

As a result of investigations carried out during the last three years the majority of building organizations have accepted as optimal the 6m x 6m column arrangement for industrial buildings as indicated in Fig.1. The width of the buildings were standardized as 16, 24, 30 and 36 m. The author of this article, in collaboration with V. V. Zhilinyi, Can. of Arch., solved the problem of the construction of a sectional reinforced concrete skelston and floors for standardized multistorey industrial buildings. Fig.2 gives a typical section of this new design. The floor height was standardized as 4.5 m. The load bearing construction was designed for 1,000 kg/m² of superimposed load. Fig.3 illustrates section and details of reinforced concrete floor construction. Fig.4 shows junction of floor

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A New Sectional-Monclithic Reinforced Concrete Construction of Kultistoried Industrial Buildings.

and supporting head of the column. The floor slabs are 4,600 x 1,500 mm in size, 190 mm high, and 1.75 tons in weight with four oval holes (see Fig. 5). Their reinforcement is of pretensioned high tensile steel and mesh. Slads spanning columns are 4,800 x 1,600 mm in size and 240 mm high, weighing 2.6 tons (see Fig. 1). The head slab of the column is shown in Fig. 7 and the section of the column in Fig. 8. The columns are jointed together by welding of the reinforcement. The load bearing units are made from concrete Mark 300, basement columns of concrete Mark 400. Experience of the construction of a printing works in Kiev, designed by Giprokinopoligraf, indicates that this system is of considerable advantage. Fig. 9 gives alternative methods of constructing a standard floor. The Leningrad factory, Barikada, and some Moscow factories concentrate on the manufacture of hollow infilling slabs for housing purposes. Table 1 gives requirements of concrete and steel for the manufacture of precast structural elements of a skeleton of a multi-storey industrial building. Table 2 gives technical and economic data on a five-

Card 2/3

A New Sectional-Monolithic Reinforced Concrete Construction of Multisforied Industrial Buildings.

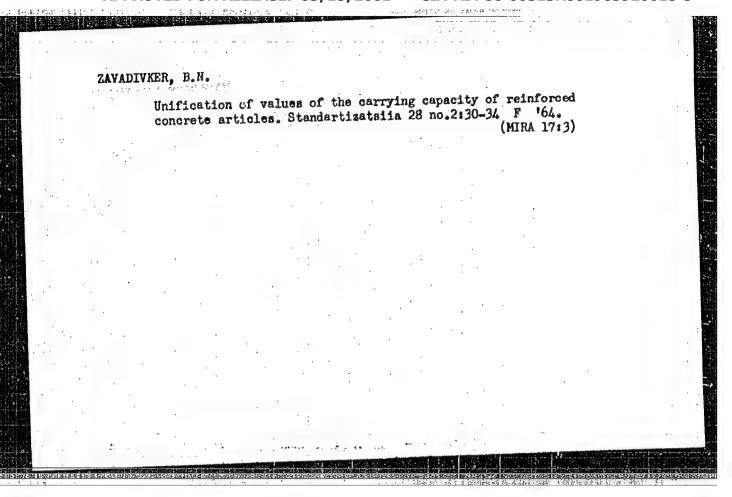
storey industrial building, and Table 3 gives quantities of concrete and steel required for a skeleton and roof of a six-storey high industrial building in comparison with other constructional methods. New types of multi-storey sections of industrial buildings are being designed by the No.6 Planning Institute of the Ministry of Tireless Industry No.6 Inst.ministerstva radiotekhnicheskoy promyshlennosti) in collaboration with the Institute for Industrial Buildings and Constructions (Institut promyshlennykh zdaniy i sooryzheniy) of the Academy for Building and Architecture of the USSR (Akademii strontel stva i arkhitektury SSSR) on the request of the Gosstroy of USSR. There are 3

AVAILABLE: Library of Congress.

Card 3/3 1. Buildings-Construction

Selecting structural schemes for reinforced concrete frames of multistoried industrial buildings, Biul. stroi. tekh. 15 no.8: 9-13 Ag '58.

1. Mauchno-isoledevatel'skiy institut promyshlennykh zdaniy i seerusheniy Akademii stroitel'stva i arkhitektury SSSR. (Industrial buildings) (Precast concrete construction) (Steel, Structural)



TSYGANKOV, I.I., inzh., red.; LOFOVOK, L.I., kand. arkh., red.;

ZAVADIVKER, B.N., kand. tekhn. nauk, red.

[Construction specifications and regulations] Stroitel'nye normy i pravila. Pt.I. Sec.V. ch.5.[Reinforced concrete products; general instructions] Zhelezobetonnye izdeliia; obshchie ukazaniia (SNIP I. V.5-62). 1963. 25 p.

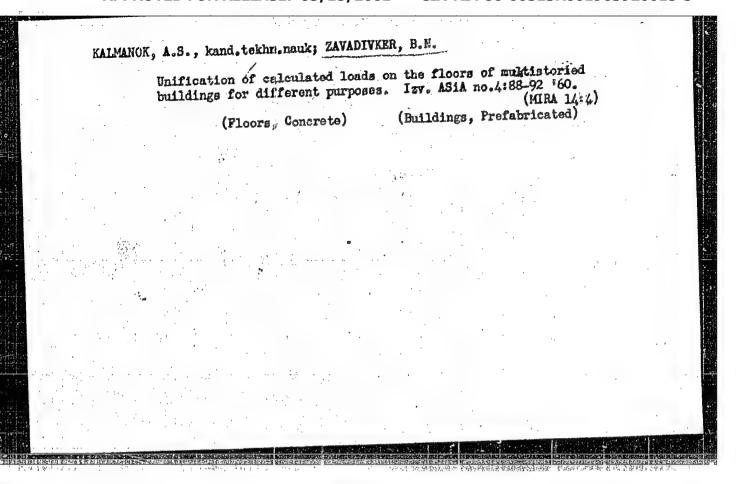
(MIRA 17:4)

1. Russia (1923- U.S.S.R.) Gosudarstvonnyy komitet po delam stroitel'ntva. 2. Gosatroy SSSR (for TSygankov). 3. Mezhvedom-stvennaya komissiya po peresmotru Stroitel'nykh norm i pravil (for Lopovek). 4. TSentral'nyy nauchno-issledovatel'skiy institut eksperimontal'nogo proyektirovaniya zhilishcha Akademii stroitel'stva i arkhitektury SSSR (for Zavadivker).

ZAVADIVKER, B.N., kand.tekhn.pauk

Testing multihollow reinforced concrete panels to be used in constructing precast girderless roofs. Prom. zdan. no.1:68-80 (MIRA 13:8)

(Concrete slabs—Testing)

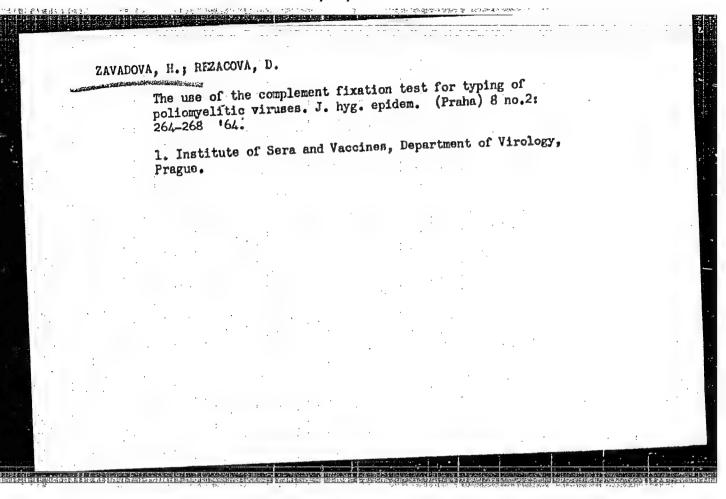


ZAVADCCSKY, B. M.

"The theory of gonadostimulators and the problem of farm animal reproduction control."

(p. 301) by Zavadcosky, B. M.

SO: Advances in Modern Fiology (Uspekhi Sovremennoi Biologie) Vol. XXII, No. 3, 1946.



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CIA-RDP86-00513R001963920015-5

VONEA, V.; JAMMA, Z.; SHEGH, J.; ADAM, E.; ZAVAKOVA, H.; ADAMOVA, V.; STAREK, M.

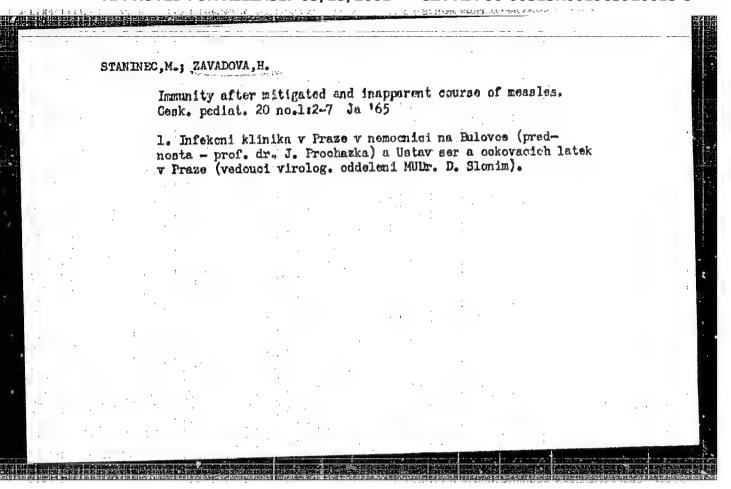
Experiences with a new attenuated policytrus type 3 USCL-D bac developed in Gzochoslovakin. Cesk. epidem. 13 no.6:358-369 H '64.

1. Ustav ser a ockovacich latek, Fraha.

VONKA, V.; JANDA, Z.; SIMON, J.; ADAM, E.; ZAVADOVA, H.

Results of investigation of type 1 viruses isolated from paralytic patients in the period following mass vaccination with Sabin's vaccine in Czechoslovakia in 1960. J.hyg. epidem., Praha 3 no.1: 58-76 '64

1. Institute of Sera and Vaccines, Virus Research Department and Clinical and Epidemiological Department, Prague, Gzechoslovakia.



ZACEK, Karek; VONKA, Vladimir; ZAVADOVA, Hana; ZACKOVA, Zdena

Evaluation of diagnostic laboratory methods used in the virological control of vaccination against pollogyelitis in Czechoslovacia. J. Hyg.

Epidem., Praha 2 no.4:448-456 1958.

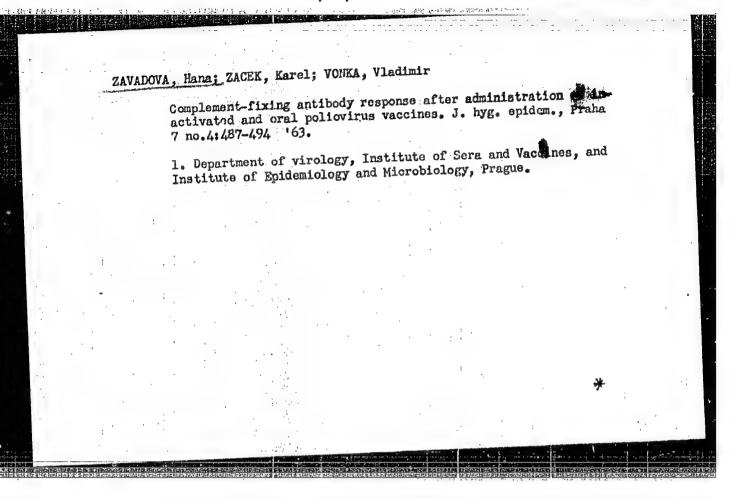
1. Institute of Sera and Vaccines, Prague. K. Zacek, Ustav ser a ockovacich latek, Praha 12, Srobarova 48, Czechoslovakia.

(POLIOWYKLIPIS, differential diagnosis,

(POLIOWYKLIPIS, december of vacc. control in Czech.)

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ADAM, E.; STANINEC, M.; KUBATOVA, E.; HALIK, J.; MORAVA, V.; MARES, I.; ZAVADOVA, H.; DREVO, M.

Vaccination against measles with live vaccine in a pediatric department. Cas. lek. cesk. 104 no.2:38-46 15 Ja 65

1. Ustav ser a ockovicich latek, Praha (reditel - MUDr. J.Malek); Infecni klinika, Praha-Bulovka (prednosta - prof.dr. J.Prochazka, DrSc.) a Detska psychiatricka lecebna, Oparany (reditel - MUDr. V.Vojtik).

Use of the neutralization test and the complement fixation reaction for demonstration of antibodies against measles. Cas. lek. cesk. 104 no.2:47-49 15 Ja '65

1. Ustav ser a ockovacich latek, Praha, (reditel MUDr. J.Malek).

ZAVADOVA, H.; STANINEC, M.; DREVO, M.

Antibody formation in measles. Cas. lek. cesk. 104 no.2:49-51
15 Ja '65

1. Ustav ser a ockovacich latek, Praha (reditel MUDr. J.Kalek) a
Infekcni klinika v Prazs 8 Palovka (prednosta - prof. dr.
J. Prochazka, DrSc.)

### Veterinary Medicine

### CZECHOSLOVAKIA

GDOVINOVA, A.; POLONY, R.; VRTINK, J.; ZAVADOVA, J.; Department of Infectious Diseases, Veterinary Faculty, College of Agriculture (VSP, Veterinarska Fakulta, Katedra Infekenych Cherob), Kosico.

"Uso of the Color Test in Laboratory Diagnosis of the Classical Fowl Plague."

Prague, Veterinarni Medicina, Vol 12, No 1, Jan 67, pp 19 - 25

Abstract /Authors' English summary modified 7: The optimum cell concentration with the highest activity during a 4-7 day observation period was 1-2 x 100 of chicken embryonal cells. Best results were obtained in Earl's medium. Most distinctive color changes were obtained with a 10% concentration of the serum. A comparison of the results of the color test with titration in the stationary KEB test tube cultures showed practically the same values by both methods. The differences were within a single order of magnitude. 2 Tables, 8 Western, 5 Czech references. (Manuscript received 2 Jul 66).

1/1

SCHUHOVA, V.; ZAVADOVA, M.; STUMPA, G.

Complehent fixation toxoplasma antigen prepared in tissue culture.
J. hyg. epidem. 7 no.1:6473 163.

1. Institute of Epidemiology and Microbiology and Institute of Sera and Vaccines, Prague.
(COMPLEMENT FIXATION TESTS) (TOXOPPASMA)
(TISSUE CULTURE)

(ANTIGENS).

RAISNDA, R.; ZAVADOVA, M.

Patients with active tuberculosis in mentubercular vards of health institutions. Cas. lek. cast. 10% no.92%45-250 5 Mr 45. health institutions. Cas. lek. cast. 10% no.92%45-250 5 Mr 45. health institutions. Cas. lek. cast. 10% no.92%45-250 5 Mr 45. health institutions. Cas. lek. cast. 10% no.92%45-250 5 Mr 45. health institutions. Cas. lek. cast. 10% no.92%45-250 5 Mr 45. health institutions. Cas. lek. cast. 10% no.92%45-250 5 Mr 45. health institutions. Cas. lek. cast. 10% no.92%45-250 5 Mr 45. health institutions. Cas. lek. cast. 10% no.92%45-250 5 Mr 45. health institutions. Cas. lek. cast. 10% no.92%45-250 5 Mr 45. health institutions. Cas. lek. cast. 10% no.92%45-250 5 Mr 45. health institutions. Cas. lek. cast. 10% no.92%45-250 5 Mr 45. health institutions. Cas. lek. cast. 10% no.92%45-250 5 Mr 45. health institutions. Cas. lek. cast. 10% no.92%45-250 5 Mr 45. health institutions. Cas. lek. cast. 10% no.92%45-250 5 Mr 45. health institutions. Cas. lek. cast. 10% no.92%45-250 5 Mr 45. health institutions. Cas. lek. cast. 10% no.92%45-250 5 Mr 45. health institutions. Cas. lek. cast. 10% no.92%45-250 5 Mr 45. health institutions. Cas. lek. cast. 10% no.92%45-250 5 Mr 45. health institutions. Cas. lek. cast. 10% no.92%45-250 5 Mr 45. health institutions. 10% no.92%45-250 5 Mr 45. health ins

### ZAVADOVA, Z.; ZAVADA, J. The induction of sutations in encephalomyocarditis with nitrous acid. Acta virol. (Praha) [Shg.] 9 no.1:65-70 Ja '65

acid. Acta virol. (Frank) (Eng.) 7 House, 1. Institute of Virology, Grechoslovak Academy of Sciences,

l. Institute of virology, deconosite and a Bratislava.

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ZAVADA, J.; MRFNA, B.; ZAVADOVA, Z.; RADA, B.; KOVACOVA, E.

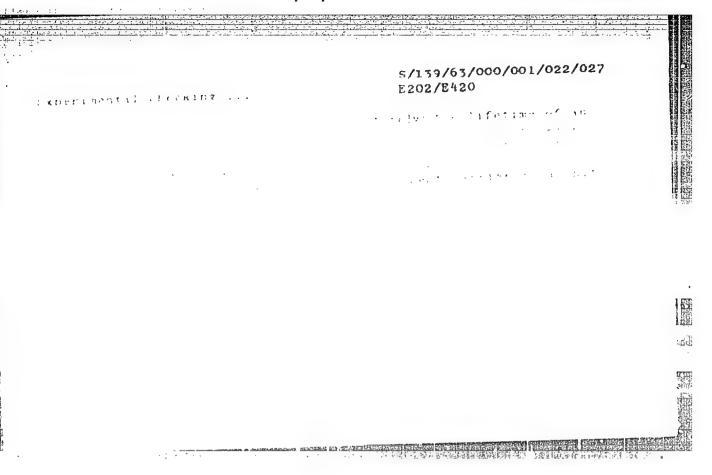
Agent isolated from human leukaemic serum, causing transformation of cells in vitro. Neoplasma (Bratisl.) 11 no.6:649-554 \*64.

1. Institute of Virology, Czechoslovak Academy of Sciences, Bratislava, Czechoslovakia.

### Stages in the formation of L forms of bacteria. J. hyg. spidem., Fraha 5 no.1:116-121 '61. 1. Institute of National Health of the Central National Committee. Department of the Microbiology of the Thomayer Hespital, Frague. (BACTERIA)

		Determination Zav. lab. 31 n	of lover alumo.1:32-34	rinum alkyls	by the hydrol	yala method. (MRA 18:3)	
		1, Institut ne	ftekhimichesk	ogo sinteza	AN SSSR.		
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 $\frac{\sigma_{o}}{\sigma_{o}} = \frac{\sin\frac{1}{x}}{1 + x \sin\frac{1}{x}}; \quad x = \frac{2f}{\sqrt{Na}}.$ where 1 and 4 are the lumineacence pulse amplitudes at a



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frequency characteristics, Eq.(5) was checked for the case of the photoconductivity of Cds, dsing as samples industrial photocondu

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THE CAPACITY STANDARDS AND AND THE CORRESPONDED TO THE CORRESPONDE

BUSHUYEVA, T. M.; DENYKO, E. V.; ZAVALEKAYA, I. G.; RAKHIMOV, G.; SEMIKHATOVA, O. A.; CHESNOKOV, V. A.

"The effect of heating of the leaf on the physiological activity of its cells and subcellular structures."

report submitted for 10th Intl Botanical Cong, Edinburgh, 3-12 Aug 64.

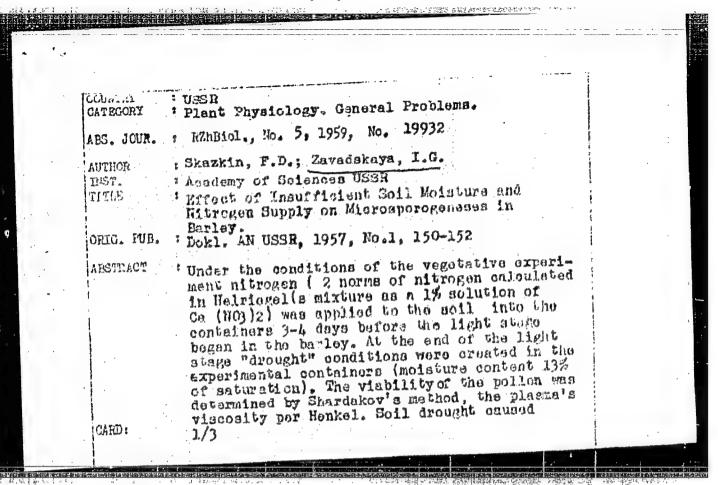
AS USSR &Leningrad State Univ.

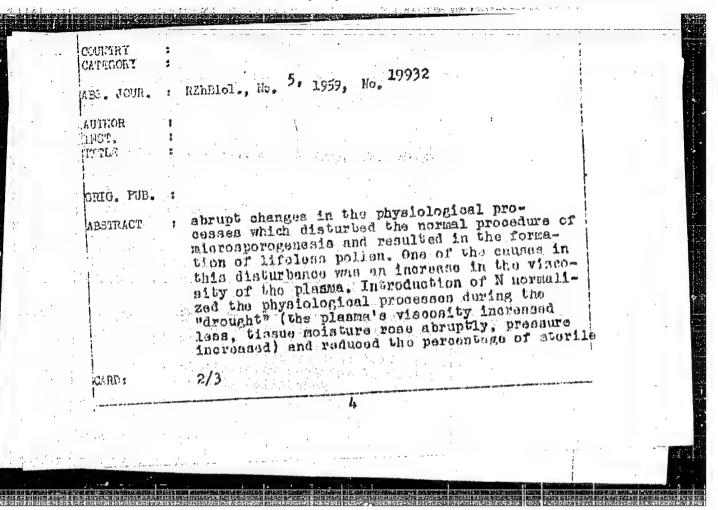
### ZAVADSKAYA, I.G.

Rate of the increase of the heat resistance of plant cells after a short preliminary exposure to high temperature.

Bot. zhur. 48 no.5:755-758 My 163. (MIRA 17:1)

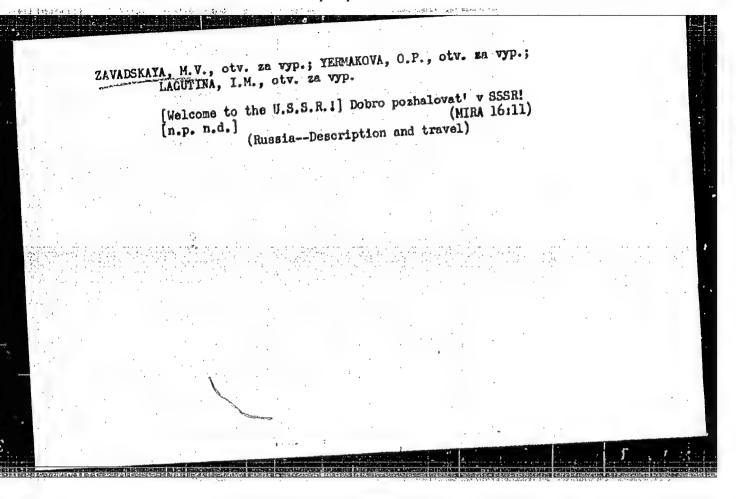
1. Botanicheskiy institut imeni V.L. Komarova AN SSSR, Leningrad.





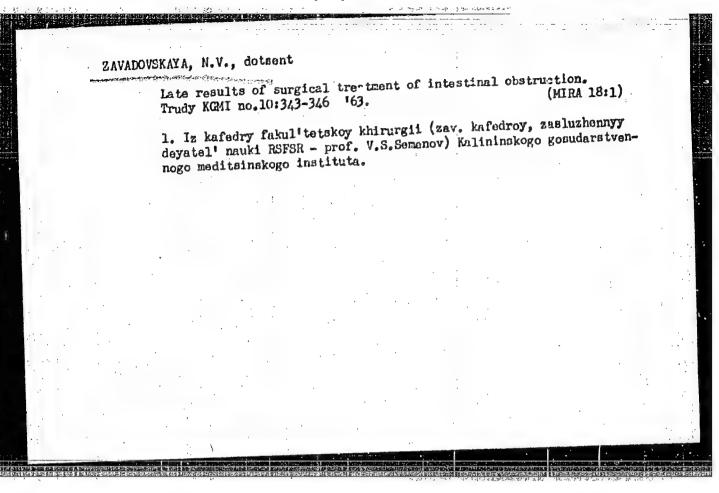
### "APPROVED FOR RELEASE: 03/15/2001

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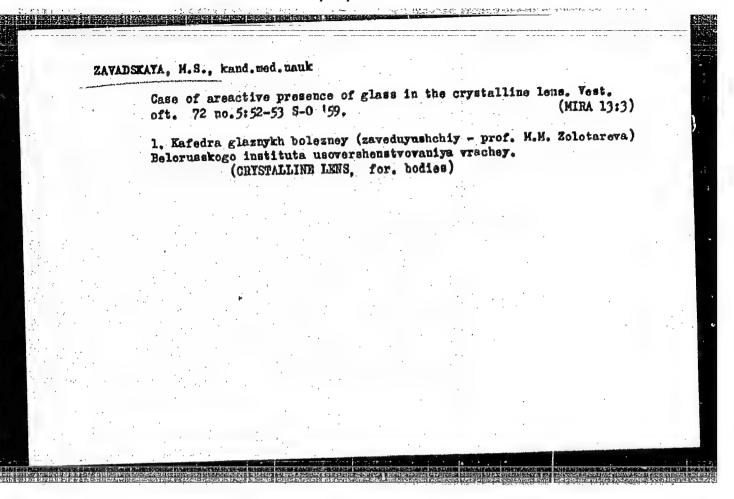
### "APPROVED FOR RELEASE: 03/15/2001 CI

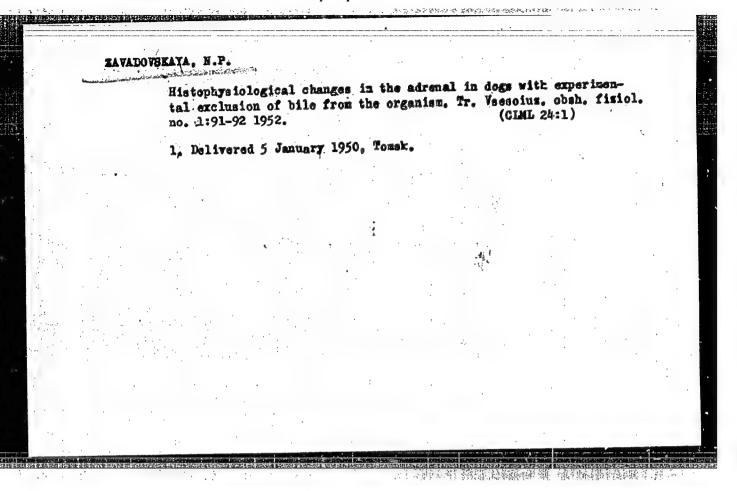
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## ZAVADOVA-SUCHANOVA, M.; VYBORNA, M. Contribution to the diagnosis of Corynebacterium diphtheriae in siabs. Ceek. epidem. 11 no.51281-286 3 162. 1. Mikrobiologiske oddeleni a oddeleni pro spalu a zaskrt Thomayerovy nemocnice v Praze. (CORYNERACTERIUM DIPHTHERIAE) (DIPHTHERIA)

Question of the duration of coccidial invasion in goats. Trudy Inst. zool. AN Kazakh. SSR 16:208-210 '62. (MIRA 15:10)				
(Coc	ecidiosis) (P	rasites-Goats	•	
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- 1. ZAVADOVSKAYA, N. P.
- 2. USSR (600)
- 4. Bile
- 7. Histophysiological changes in the adrenals in dogs with experimental exclusion of bile from the organizm. Trudy Vses. Obshch. fiz. biokhim. i farm. no. 1, 1952.

9. Monthly List of Russian Acquessions, Library of Congress, Marcy 1953. Unclassified.

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- 2. U33R (600)
- 4. Suprarenal Bodies
- 7. Histophysiological changes in the adrenals in dogs with experimental exclusion of bile from the organism. Trudy Vses. obshch. fiz. biokhim. i farm. no. 1, 1952.

9. Monthly List of Russian Accessions, Library of Congress, March 1953, Uncl.

### ZAVADOVSKAYA, N.V. (Kalinin)

Excretion of neutral red by the digestive tract of rabbits in obstruction of the small intestine. Pat. fiziol. i eksp. terap. 5 no;2:49-52 Mr-Ap '61. (MIRA 14'5)

1. Iz kafedry obshchey khirurgii (zav. - prof. A.P. Yurikhin) Vinnitskogo meditsinskogo instituta i iz kafedry fakul tetskoy khirurgii (zav. - prof. A.G. Karavanov) Kalininskogo meditsinskogo instituta. (INTESTINES--OBSTRUCTION)

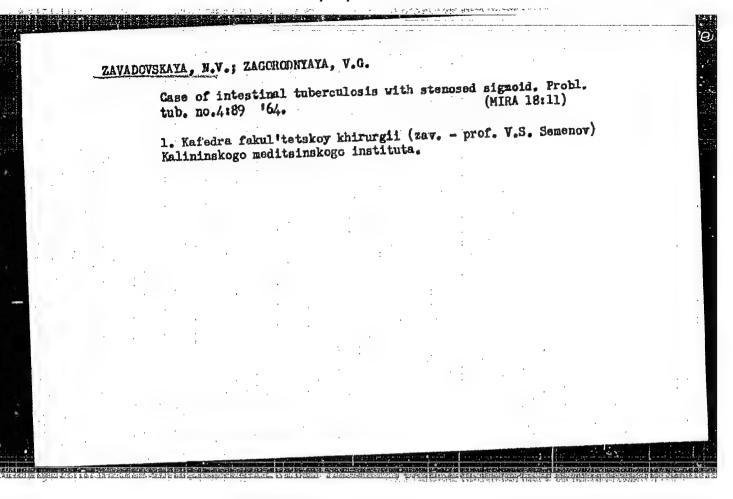
ZAVADOVSKAYA, N.V.; LEVASHOV, G.V. (Kalinin)

Gastrogenic tetany. Klin. med. 41 no.7:144-147 Jl'63 (MIRA 16:12)

1. Iz kafedry fakul'tetskoy khirurgii (zav. - zasluzhennyy deyatel' nauki prof. V.S. Semenov) Kalininskogo meditinskogo instituta na baze l-y oblastnoy bol'nitsy g. Kalinina (glavny) vrach - zasluzhennyy vrach RSFSR A.A. Sokolov).

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CIA-RDP86-00513R001963920015-5



### ZAVADOVSKAYA, N.V., dotsent

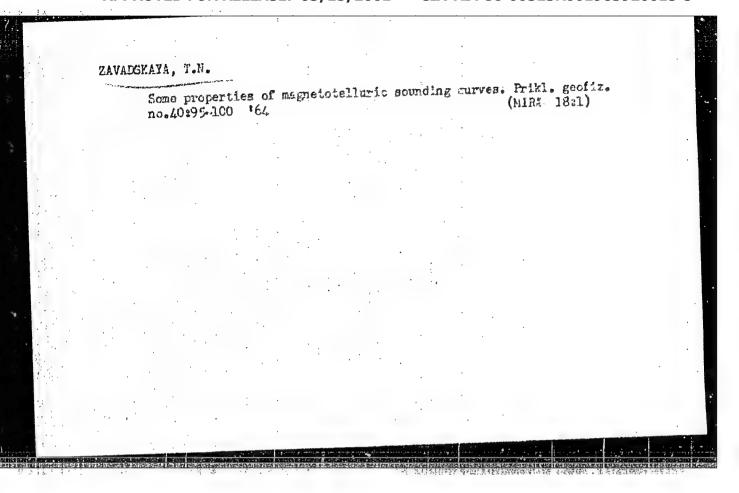
Late results of surgical treatment of intestinal obstruction.

Vest. khir. no.10:112-114 164. (MIRA 19:1)

1. Iz fakul'tetskoy khirurgicheskoy kliniki (zav. - zasluzhennyy deyatel' nauki prof. V.S. Semenov) Kalininskogo meditsinskogo instituta (rektor - dotsent A.N. Kushnev) na baze l-y Kalininskoy oblastnoy bol'nitsy (glavnyy vrach - zasluzhennyy vrach RSFSR A.A. Sokolov).

# ZAVADOVSKAYA, N.V. Renal adenoma complicated by a rupture, Vop. cnk, 11 no.8:105-106 '65. 1. Iz kafedry fakul'tetekoy khirurgii (zav. kafedroy zasluzhennyy deyatel' nauki prof. V.3.Semenov) Kalininakogo meditsinakogo instituta (rektor - R.D.Novoselov) na hazo l-y oblastnoy bol'nitsy (glavnyy vrach - zasluzhennyy vrach RSFSR A.A.Sokolov).

USSR / Micro	A DOVSKAYA, T.A. obiology. Microbes Pathogenic to Humans and Animals.
Abs Jour	Ref Zhur - Biol., No 2, 1958, No 5251
Author	: Zavadovskaya, T.A.
Inst	Not given
Title	Serologic Characteristics of Proteus Microorganisms of Various Origins
Orig Pub	various 3123-44.  V sb.: Uslovno-patogen, mikroby i ikh rol: v sabolevani- yakh alimentarn, proiskhozhdeniya, L., Medgiz, 1955, 31-37
Abstract	A study was conducted of enzymatic and serological proper- ties of 131 proteus cultures isolated in food infections, from wounds, food products, water and from feces of heal- thy people. All the cultures studied are related to 3 thy people.
	thy people. All the cultures studied are retained to the people of the cultures studied are retained to the people of the cultures studied are retained to the cultures and the cultures are retained to the cultures are r
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ZAVADOVSKAYA, V.N.; MAL'SHIN, V.M.

Determination of dissolved gases in liquid titanium tetrachloride. Zav. lab. 31 no. 12:1447-1448 '65 (MIMA 19:1)

1. Bereznikovskiy filial Vsesoyuznogo naucimo-issledovatel'skogo i proyektnogo instituta alyuminiyevoy, magniyevoy i elektrodnoy promyshlennosti.

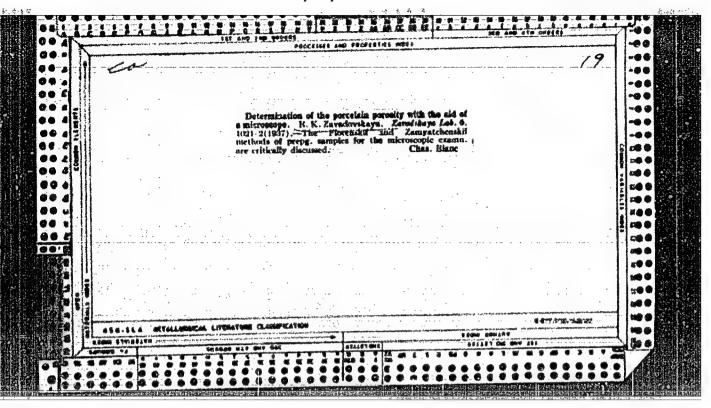
NESTAYKO, V.V., dotsent; ZAVADOVSKAYA, Ye.I.

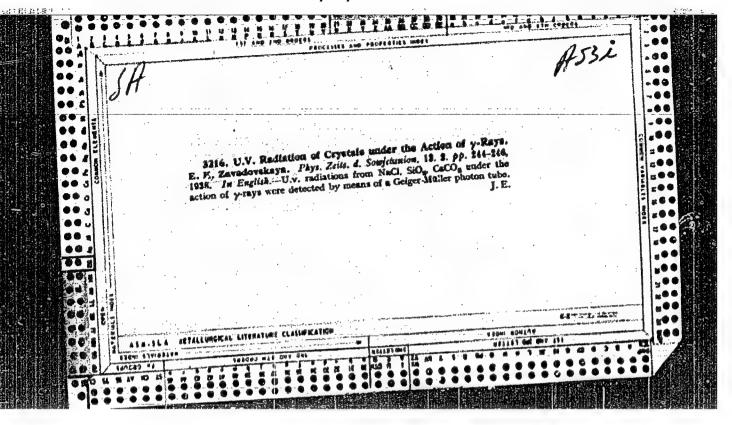
Work of the Lugansk Society of Pathoanatomists during 1960-1963.
Arkh. pat. 27 no.3:90-92 '65.

1. Predsedatel' Luganskogo obshchestva patologoanatomov (for Nestayko). 2. Sekretar' Luganskogo obshchestva patologoanatomov (for Zavadovskaya).

GARDASHNIKOV, F. L.; NESTAYKO, V. V.; ZAVADOVSKAYA, Yo. I. (Lugansk) Development of a planocellular nonkeratosic cancer in the tiesus of a primary scleroma of the oral cavity. Vrach. delo no.6:
140-142 Je 162. (RHINOSCLEROMA) (MOUTH\_CANCER)

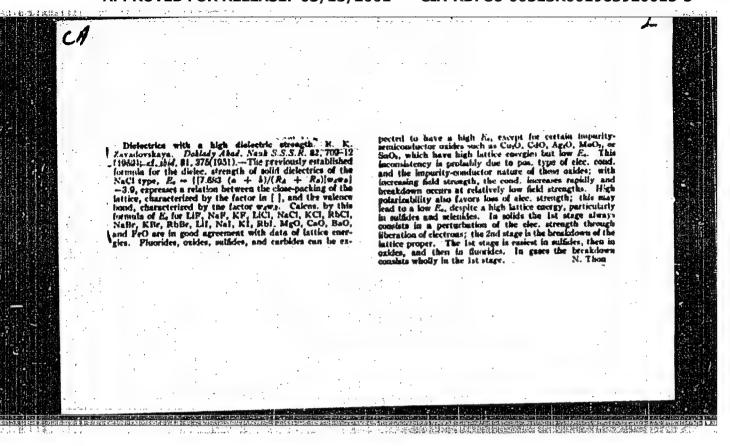
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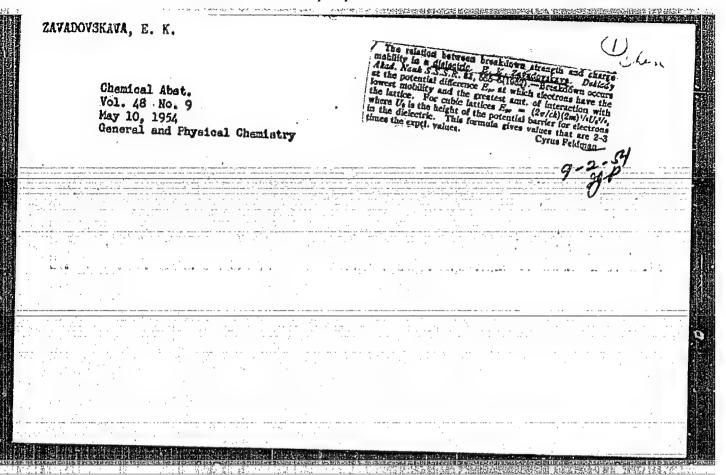




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USSR/Electricity - Dielectrics

May 53

"Influence of Porosity on the Electrical Strength of Solid Dielectrics," Docent Ye. K. Zavadovskaya, Cand Phys-Math Sci, Tomsk Polytech Inst im Kirov

Electrichestvo, No 5, pp 28-29

Cites results of pulse-load testing of some solid dielectrics (porcelain, ebonite). Results show that a reduction of internal porosity is accompanied by an increase in electrical strength. Submitted 2 Aug 52.

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#### ZAVATOVSKAYA, YE. K

The Committee on Stelin Prizes (of the Council of Ministers USSR) in the fields of science and inventions announces that the following scientific works, popular scientific books, and textbooks have been submitted for competition for Stelin Prizes for the years 1952 and 1953. (Sovetakaya Kultura, Moscow, No. 22-40, 20 Feb - 3 Apr 1954)

Nome

Title of Work

Nominated by

Vorob'yev, A. A. Zavadovskaya, Ye. K.

"Dielectric Stability of Solid Dielectrics" Siberian Physicotechnical Institute

80: W-30604, 7 July 1954

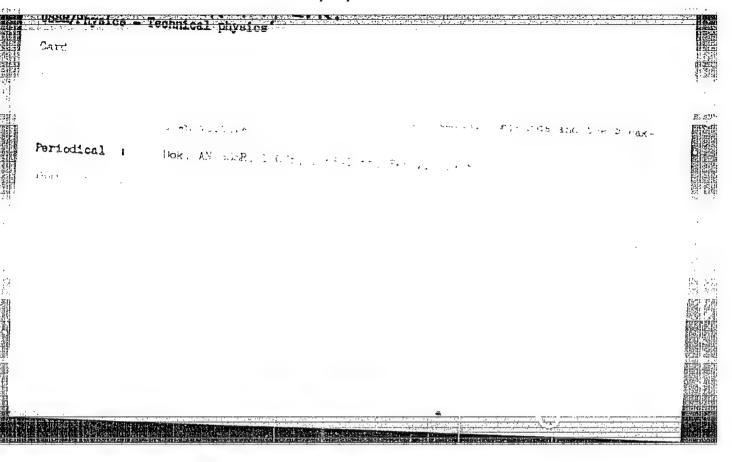
AVAILABLE TO THE Polytechnicum, Tomsk

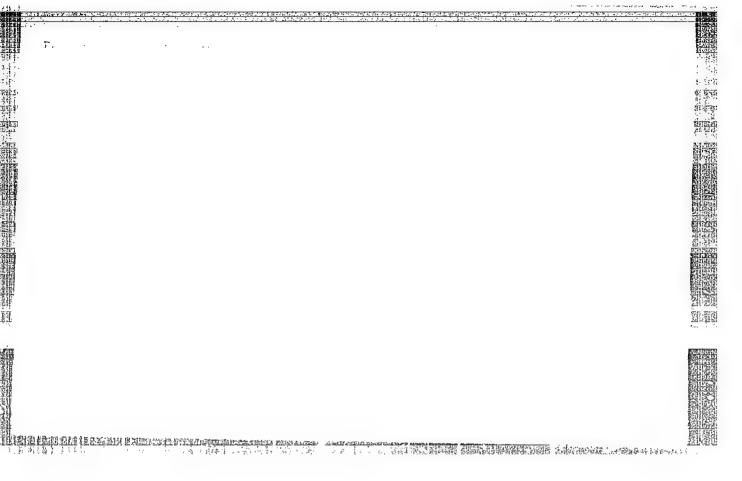
Principles of the 13, 1953

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Authors	Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y
Title	Some remarks on a possible relationship between the F-band of absorp- tion of alkali-balide crystals and the lattice energy of the latter
Periodical	t Dok. AN SSSR 9/4, 573-574, Cet. 1, 1954
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VOROB'YEV, Aleksandr Akimovich; ZAVADOVSKAYA, Yekaterina Konstantinovna; ALEKSEYEV, D.M., redaktor; NUZALISOVA, Ye.B., redaktor; MURASHOVA, N.Ya., tekhnicheskiy redaktor

[Nlectric strength of solid dielectrics] Elektricheskaia prochnost' tverdykh dielektrikov. Moskva. Gos. izd-vo tekhniko-teoret. lit-ry, 1956. 312 p.

(Dielectrics)

#### ZAVADOVSKAYA, N. V., dotsent

Differential diagnosis of invagination and dysentery in infants; advice of a surgeon to young pediatricians. Pediatriia no.4: 43-46 '62. (MIRA 15:4)

1. Iz kafedry fakul'tetskoy khirurgii (zav. - prof. A. G. Karavanov) Kaliniskogo meditsinskogo instituta (dir. - dotsent A. N. Kushrev) na baze 1-y Oblastnoy bol'nitsy (glavnyy vrach = zasluzhennyy vrach RSFSR A. A. Sokolov)

(DYSENTERY) (INTESTINES \_\_INTUSSUSCEPTION)

ZAVADOVSKAYA, YE.K

USSR/Electricity - Dielectrics, G-2

Abst Journal: Referat Zhur - Fizika, No 12, 1956, 34997

Author: Zavadovskaya, Ye. K.

Institution: None

Title: Electric Breakdown and Mobility of Electrons in Dielectrics and

Semiconductors

Original

Periodical: Izv. Tomskogo politekhn. in-ta., 1956, 82, 9-15

Abstract: Electric breakdown in a dielectric is considered as a mechanical damage

to the crystal. It is assumed that the energy a cumulated by the electrons in the electric field is consumed in destroying the bond between the particles of the lattice, and that thereby the transmission of the energy from the electrons of the lattice occurs particularly vigorously in the case when the electron energy is of the same order of magnitude as the binding energy. Using an experimental linear relationship between the electric strength of the crystals of alkali-haloid salts and the energies of the lattice, the author has

Card 1/2

#### "APPROVED FOR RELEASE: 03/15/2001 CIA

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USSE/Electricity - Dielectrics, G-2

Abst Journal: Referat Zhur - Fizika, No 12, 1956, 34997

Abstract: obtained a relationship for the mobility of the electrons and the field intensity. In strong fields the mobility varies as u ~ 1/E, but in weaker fields it varies as u ~ 1//E.

Card 2/2

MONTH ON VOKANA, YE.

USSR/Electricity - Dielectrics, G-2

Abst Journal: Referat Zhur - Fizika, No 12, 1956, 34996

Author: Zavadovskaya, Y. K.

Institution: None

Title: Results of Experimental Investigation of the Mobility of Electrons in Semiconductors and Dielectrics in Strong Electric Fields

Original

Periodical: Izv. Tomskogo politekhn. in-ta., 1956, 82, 16-20

Abstract: A survey of several experimental works on the investigation of mobility of electrons in semiconductors and dielectrics. The results of the investigations show in the majority of cases that the decrease in mobility with increasing field intensity obeys the law  $u \sim 1/E$ 

Card 1/1

ZAVADOVSKAYA YE.K.

Translation from: Referativnyy Zhurnal, Elektrotekhnika, 1957, Nr 1,

p.16 (USSR)

AUTHOR: Zavadovskaya, Ye.K.

TITLE: Disruptive Discharge and Electron Mobility in Dielectrics

and Semiconductors (Elektricheskiy proboy i podvizhnost

elektronov v dielektrikakh i poluprovodnikakh)

PERIODICAL: Izv. Tomskogo politekhn. in-ta, 1956, Nr 82, pp.9-15

ABSTRACT: It is assumed that the disruptive discharge is completed

with the destruction of bonds between the particles of the crystal lattice. All the energy stored by the electron along its free path is transmitted to the lattice particles and is consumed in breaking down the ties between them. The transfer of energy from the electron to the lattice will attain a maximum when the electron energy is approximately equal to the

coupling energy between the lattice particles. At the

Card 1/2 same time the electron mobility  $w \approx E^{-1/2}$ . A

Disruptive Discharge and Electron Mobility in Dielectrics (Contd.)

short survey of work on the calculation of u in dielectrics and semiconductors in weak and strong electric fields is given. Assuming that u attains its lowest value during the most intensive transfer of energy from the electrons to the lattice, the author determined the electric strength  $E_{p\chi} = E_{w}/ea_{o}$ , where 6 is the specific inductive capacitance, w and e are the energy and the charge of the electron,  $a_{o}$  is the constant of the lattice. The values of  $E_{p\chi}$  are close to those obtained experimentally. Bibliography: 10 titles.

Card 2/2

A. A. V.

Translation from: Referativnyy Zhurnal, Elektrotekhnika, 1957, Nr 1, p. 232 (USSR)

AUTHORS:

Vorob'yev, A.A., Zavadovskaya, Ye.K.

TITLE:

Physical and Electrical Properties of Ionic Crystals (Fizicheskiye 1 elektricheskiye svoystva ionnykh

kristallov)

PERIODICAL: Izv. Tomskogo politekhn. in-ta, 1956, 83, pp.3-21

ABSTRACT:

Bibliographic entry

Card 1/1

ZAVA DOVSKAYA, VE.

Translation from: Referativnyy Zhurnal, Elektrotekhnika, 1957, Nr 1, p. 232 (USSR) 112-1-1531

AUTHOR: Zavadovskaya, Ye.K.

TITLE: Observation on the Connection Between the F-Absorption

Band in Alkali-Haloid Crystals and the Lattice Energy Entry (Zamechaniye o svyazi F-polosy pogloshcheniya v shchelochno-galoidnykh kristallakh i energii reshetki)

PERIODICAL: Izv. Tomskogo politekhn. in-ta, 1956, 83, pp.30-31

ABSTRACT: Bibliographic entry

Card 1/1

ACCESSION NR: AR4042157

S/0190/64/000/005/B008/B008

SOURCE: Ref. zh. Elektrotekhnika i energetika, Abs. 5B38

AUTHOR: Vorob'yev, A. A.; Vorob'yev, G. A.; Zavadovskaya, Ye. K.; Savintsev, P. A.

TITLE: Some results of investigation of properties of ionic dielectrics

CITED SOURCE: Izv. Leningr. elektrotekhn. in-ta, vy\*p. 51, 1963, 171-178

TOPIC TAGS: ionic dielectric, ionic crystal, lattice parameter, dielectric

TRANSLATION: On the basis of analysis of experimental results, a connection is established between the physical-chemical properties of ionic crystals and alloys with lattice energy U, lattice parameters, molecular concentration, and number of particles in a unit cell. Hardness Elimit, thermal and chemical stability of crystals increases with increase of U. Properties of solid solutions are determined by composition and defectiveness of lattice of alloys. Aging of alloys is accompanied

# ACCESSION NR: AR4042157

by change of defectiveness of lattice and heat of formation Q. Number of particles in a unit cell of hard alloys NaCl - NaBr, KCl - KBr, KCl - RbCl is less, and temperature coefficient of expansion is more, than for pure crystals. The values of Q, tan δ, temperature coefficient of expansion, and Debye temperature of alloys have a maximum, while ρ and E<sub>limit</sub> - a minimum in the region of average concentrations of components, which is indicated by the smaller bond of ions and large defectiveness of the lattice of alloys. Measurements of Q of hard alloys established that eutectic alloys are not a mechanical mixture of components. The melting point at the contact of two heterogeneous crystals is lower than the melting point of components by tens and hundreds of degrees; there is observed a mutual dissolution of components. The value of Elimit of crystals depends on the polarity of the point, gauge of the sensor, and temperature. With a gauge of several microns, Elimit increases with an increase of gauge. The experimental results are presented which indicat the ionization character of breakdown of crystals with the help of the mechanism of impact ionization. Two illustrations. Bibliography: ll references. [Tomsk Polytechnical Institute im. S. M. Kirov].

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ACCESSION NR: AR4034658

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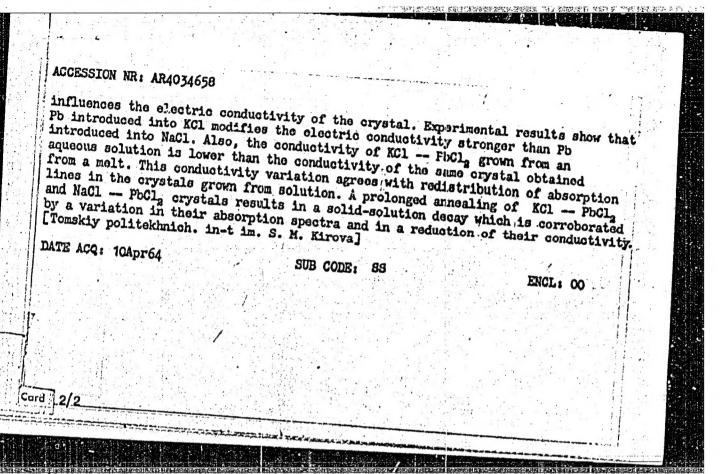
SOURCE: Ref. Zh. Elektrotekhn. i energ., Abs. 3B25

AUTHOR: Zavadovskaya, Ye. K.; Melik-Gaykazen, I. Ya; Treskina, M. N.

TITLE: Effect of impurity distribution in crystals on the electric conductivity. CITED SOURCE: Izv. Leningr. elektrotekhn. in-ta, vy\*p. 51, 1963, 179

TOPIC TAGS: crystal electric conductivity, impurity distribution in crystals,

TRANSLATION: I. A. Parfinovich's hypothesis about the impurity ions in the crystallattice points being responsible for the long-wave line of additional light absorption in the ultraviolet range is corroborated by experiments with crystals KC1 -- PbCl2 and NaCl -- PbCl2. The short-wave line of absorption is apparently associated with the impurity ions situated at the borders of contact surfaces in the crystal. The feasibility of observing dual distribution of impurities in a crystal by means of optical absorption spectra permits solving the problem which of the impurities - the segregating one at the boundary or the one forming a regular part of the crystal lattice of the base substance - predominantly Card 1/2



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SOURCE CODE: UR/0139/66/000/002/0155/0157

60 3

AUTHOR: Zavadovskaya, Ye. K.; Chernyshev, V. A.

ORG: Tomsk Polytechnic Institute im. S. H. Kirov (Tomskiy politekhnicheskiy

TITLE: Effect of preliminary γ-irradiation on the electric properties of single crystals

SOURCE: IVUZ. Fizika, no. 2, 1966, 155-157

TOPIC TAGS: gamma irradiation, irradiation effect, single crystal, dielectric crystal, electric property, electric conductance, temperature dependence

ABSTRACT: Conductance o, tangent of the dielectric loss angle tan 6, and specific inductive capacitance e of CaF, single crystals both irradiated from a Co60 source and nonirradiated have been investigated. The absorbed tradiation dose was 1.66.108 rad. Conductance o was measured by means of a d-c amplifier with an electric field intensity of 500 v/cm. Accuracy of g measurements was 20%. Tan 6 and E were measured by means of an unbalanced bridge in the 100-20,000 cps frequency range. Measurement accuracy was 20% for the tangent of the dielectric loss angle and 0.3% for specific inductive capacitance. Specimen capacitance was within 7 to 12 pf. The specimens were 0.8-1.1 mm thick. Platinum electrodes were deposited by cathode spraying in a vacuum. The same specimens were used for measuring  $\sigma$ , tg  $\delta$  and  $\epsilon$ . Card 1/2

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Measurements were taken in a vacuum (8-5)·10-4 mm Hg at temperatures ranging from 20 to 450C. Curves of the dependence of conductance on temperature show discontinuity in the range 90—130C. For irradiated crystals conductance on temperature show discontinudiscontinuity point. hereafied 514542001e is CLARDP86-00513R001963920015-5" crystapproved for the dependence of tan 6 on temperature show regions both of conductance and relaxation losses. & increases slightly and almost linearly with an increase in temperature. It was also noted that preliminary irradiation results in a decrease both of tan 6 and &, and in an increase in conductance. Orig. art. has:

SUB CODE: 09/ SUBM DATE: 25Nov64/ ORIG, REF: 001/ OTH REF: 003